

7/24/03

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		Application Number	101625,722		
		Filing Date	July 24, 2003		
		First Named Inventor	ASUMA, HIROAKI		
		Art Unit			
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	501.42842X00

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DN		US-2002/0057391 A1	May 16, 2002	NAKAMURA	349/039
DN		US-6,476,882 B1	November 5, 2002	SAKURAI	349/055
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> -Number <sup>2</sup> -Kind Code <sup>2</sup> (if known)				
DN		JP-2001-209041 A	08-03-2001	SHIN	—	
DN		JP-2002-151699 A	05-24-2002		—	
DN		JP-09-297302 A	11-18-1997	YUMI	—	
DN		JP-08-160460 A	06-21-1996	MASASHI	—	
DN		JP-10-26771 A	01-27-1998		—	

Examiner Signature	DN/CUYEN	Date Considered	9/15/05
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10/625,722

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

ASUMA et al

FILING DATE

July 24, 2003

GROUP

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN	5 8 4 7 7 8 1	12/98	Ono	309	044	—
DN	5 0 6 2 6 9 0	11/91	Whetten	349	055	—
DN	2002 0 0 5 0 9 6 7	5/02	Hashimoto et al	345	087	—
DN	6 4 2 9 9 0 7	8/02	Park	349	038	—

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
DN	4 3 1 8 5 2 2	10/92	Japan	—	—	✓	
DN	9 3 3 9 5 1	2/97	Japan	—	—		✓
DN	5 1 4 2 5 7 0	6/93	Japan	—	—	✓	
DN	2002 1 6 2 6 4 4	6/02	Japan	—	—		✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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